Claims:

This listing of claims will replace all prior versions and listings, of claims in the application:

Listing of Claims:

1. ***(Currently Amended)*** A device for treating compressed air, ~~intended~~ to be installed in ~~an industrial vehicle comprising~~ a motor vehicle, the device comprising: ~~able to haul a trailer, including:~~

an air inlet for air coming from a compressed-air source;

at least one air outlet connected to [[a]] at least one reservoir ~~or reservoirs~~ configured to supply a service brake system;

a set of electropneumatic components distributing compressed air from the compressed-air source bound for the at least one reservoir ~~or reservoirs~~;

an electronic command and control unit~~, able~~ configured to operate said set of electropneumatic components, the command and control unit being connected to a ~~computer~~ communication bus ~~and to various electrical components~~;

at least one supplementary air outlet for directly providing compressed air at a control pressure to ~~supply~~ at least one [[an]] actuator ~~or actuators~~ of a pneumatic suspension system of one axle;

a supplementary set of electropneumatic components ~~which are~~ associated with and upstream of the supplementary air outlet, the set receiving compressed air at a supply pressure and applying the control pressure to the compressed air to selectively fully operate the at least one actuator; and

said command and control unit comprising operating means ~~incorporated into the electronic command and control unit~~ configured to operate the supplementary set of electropneumatic components based on the ~~basis of~~ information originating from the ~~computer~~ communication bus ~~and/or from various electrical components.~~ whereby full operation of the at least one actuator is directly controlled by the device.

2. ***(Previously Presented)*** The device as claimed in claim 1, wherein the supplementary air outlet and the set of associated electropneumatic components, are arranged in an element attached to a body of the device.

3. ***(Currently Amended)*** The device as claimed in claim 1, wherein said at least one supplementary air outlet comprises a plurality of supplementary air outlets for supplying the pneumatic suspension system, ~~which are~~ said plurality of outlets attached to an axle and ~~are~~ grouped together into one and the same element attached by flanges to a body of the device.

4. ***(Previously Presented)*** The device as claimed in claim 1, wherein the electronic command and control unit is interfaced with one or several altitude sensors measuring a difference in height between the chassis of the vehicle and one or several points of the axle

5. ***(Previously Presented)*** The device as claimed in claim 1, further comprising
   - at least one additional supplementary air outlet or outlets to supply an actuator or actuators of a parking brake system of the motor vehicle;
   - an additional set of electropneumatic components, which is associated with the additional supplementary air outlet or outlets;
   - operating means incorporated into the electronic command and control unit to operate the additional set of electropneumatic components on the basis of information originating from the computer communication bus and/or various electrical components.

6. ***(Previously Presented)*** The device as claimed in claim 5, wherein the additional supplementary air outlet or outlets to supply the motor vehicle parking brake system, and the additional set of associated electropneumatic components, are gathered together into an element attached to a body of the device.

7. ***(Currently Amended)*** The device as claimed in claim 1, further comprising
   - at least one complementary air outlet or outlets to supply a pneumatic actuator ~~or actuators~~ of an auxiliary system,
   - complementary set of electropneumatic components which is associated with the complementary air outlet or air outlets,
   - operating means incorporated into the electronic command and control unit able to operate the complementary set of electropneumatic components on the basis of information originating in particular from the computer communication bus.

8. ***(Previously Presented)*** The device as claimed in claim 1, further comprising means for dehumidifying air originating from the compressed-air source.

9. ***(Previously Presented)*** The device as claimed in claim 8, wherein the means for dehumidifying the air comprises a cartridge that can be removed from a body of the device.

10. ***(Previously Presented)*** The device as claimed in claim 2, further comprising one or several supplementary elements attached to the body of the device, each element having one or several electrical contacts able to be incorporated into an electric control circuit, said contacts being operated by the command and control unit on the basis of information from the computer communication bus and/or various electrical components.

11. ***(Currently Amended)*** The device as claimed in claim 7, wherein the ~~auxiliary system comprises~~ pneumatic actuator comprises at least one actuator of at least one of a differential lock system and a movement take-off system.

12. ***(New)*** A system for controlling a service brake system and a pneumatic suspension system of an axle comprising:

    a unitary device for treating compressed air, to be installed in a motor vehicle, said unitary device comprising:

    an air inlet for air coming from a compressed-air source;

at least one air outlet connected to at least one reservoir configured to supply a service brake system;

a set of electropneumatic components distributing compressed air from the compressed-air source bound for the at least one reservoir;

an electronic command and control unit, configured to operate said set of electropneumatic components, the command and control unit being connected to a communication bus;

a supplementary air outlet for directly providing compressed air at a control pressure to at least one actuator of a pneumatic suspension system of the motor vehicle;

a supplementary set of electropneumatic components associated with and upstream of the supplementary air outlet which set receives compressed air at a supply pressure and applies the control pressure to the compressed air to selectively fully operate the at least one actuator;

the electronic command and control unit comprising operating means configured, to operate the supplementary set of electropneumatic components based on information originating from the communication bus, whereby full operation of the at least one actuator of the pneumatic suspension system is directly controlled by the device; and

said at least one actuator being located downstream of said supplementary air outlet, being configured to activate said pneumatic suspension system, and being separate from said unitary device.

* * * * *